

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A valve assembly comprising:

a replacement valve for placement within a native valve sinus cavity, the replacement valve
having a scalloped inflow annulus, an outflow annulus, and ~~a plurality of three~~ leaflets;

and a collapsible and expandable anchoring structure;

said anchoring structure being dimensioned to extend longitudinally from an attachment
location near the inflow annulus of a valve sinus to an attachment location within a native sinus
cavity, and

said anchoring structure further comprising a flared inflow rim, a flared outflow rim, and a
~~plurality of only three~~ support posts extending from said inflow rim to said outflow rim, each
support post having a single vertical element at its distal end connecting the anchoring structure to an
attachment window to which the replacement valve is attached so as to allow the support post to
deflect inwardly at backflow pressure and provide cantilevered support to the valve.
2. (Original) The valve assembly of claim 1, wherein said valve is positioned internally
to said anchoring structure.
3. (Cancelled)
4. (Cancelled)
5. (Currently amended) The valve assembly of claim 1, wherein said support posts are
configured to coincide longitudinally with the native sinus commissural posts.

6. (Original) The valve assembly of claim 5, wherein said support posts extend beyond the outflow rim.
7. (Cancelled)
8. (Cancelled)
9. (Currently amended) The valve assembly of claim ~~8~~ 1, wherein said tab attachment windows are triangular.
10. (Original) The valve assembly of claim 1, wherein said flared outflow rim comprises a plurality of rings.
11. (Original) The valve assembly of claim 10, wherein said plurality of rings are configured in an undulating pattern.
12. (Original) The valve assembly of claim 11, wherein said plurality of rings are connected by a vertical element.
13. (Original) The valve assembly of claim 1, wherein said inflow rim comprises a plurality of rings.
14. (Original) The valve assembly of claim 13, wherein said plurality of rings are configured in an undulating pattern.
15. (Original) The valve assembly of claim 14, wherein said plurality of rings are substantially parallel to each other.
16. (Original) The valve assembly of claim 15, wherein said plurality of rings are connected by a vertical element.
17. (Original) The valve assembly of claim 1, wherein said inflow rim comprises barbs.